

Puromycin Sensitive Aminopeptidase (PSA) Recombinant Protein | PSA recombinant protein

Recombinant Puromycin Sensitive Aminopeptidase (PSA)

CATALOG # AAA134341	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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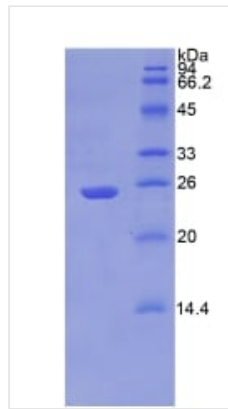
PRODUCT SYNONYMS

Puromycin Sensitive Aminopeptidase (PSA); Recombinant Puromycin Sensitive Aminopeptidase (PSA); PSA recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	The target protein is fused with N-terminal His -Tag, its sequence is listed below. MGHHHH HHSGSEF-GT VGFYRTQYSS AMLESLLPGI RDLSPVDR LGLQNDLFSL ARAGIISTVE VLKVMFAFVN EPNYTVWSDL SCNLGILSTL LSHTDFYEEI QEFVKDVFSP IGERLGWDPK PGEGHLDALL RGLVLGKLGK AGHKATLEEA RRRFKDHVEG KQILSADLRS PVYLTVLKHG DGTTLDIMLK LHKQADMQEE KNRIERVLGA TLLPDLIQ
Sequence Length	919
Applicable Applications for PSA recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Homo sapiens (Human)
Expression System	Prokaryotic expression
Residues	Gly584~Gln793 (Accession # P55786) with N-terminal His-Tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Sequence

LLPGIRDLSL PPVDRGLQDN DLFSLARAGI ISTVEVLKVM EAFVNEPNYT
 VMSDSLSCNLG ILSTLLSHTD FYEEIQEFVK DVFSPIGRLG GNDPKPGEGH
 LDALLRGLVL GKLGAAGHKA TLEEARRRFK DHVEGQILSL ADLRSPPVLT
 VLKHGDGTTL DIMLKLHKQA DMQEEKNRIE RVLGATLLPD LIQ

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	158937236
NCBI GeneID	9520
NCBI Accession #	NP_006301.3
NCBI GenBank Nucleotide #	NM_006310.3
UniProt Accession #	P55786; Q6P145; Q9NP16; Q9UEM2
Molecular Weight	24.9kDa
NCBI Official Full Name	puromycin-sensitive aminopeptidase
NCBI Official Synonym Full Names	aminopeptidase puromycin sensitive
NCBI Official Symbol	NPEPPS
NCBI Official Synonym Symbols	PSA; AAP-S; MP100
NCBI Protein Information	puromycin-sensitive aminopeptidase; metalloproteinase MP100; cytosol alanyl aminopeptidase
UniProt Protein Name	Puromycin-sensitive aminopeptidase
UniProt Gene Name	NPEPPS
UniProt Synonym Gene Names	PSA; PSA; AAP-S
UniProt Entry Name	PSA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/npepps-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/134341>